

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Hong-goo Kang et al.

Docket No.: 2000-0141Con

Application No.: Continuation of 09/834,391

Filing Date: 10/14/2003

Examiner Name: T. Smits

Group Art Unit: 2655

Title: PSEUDO-CEPSTRAL ADAPTIVE SHORT-TERM POST-FILTERS FOR SPEECH CODERS

INFORMATION DISCLOSURE STATEMENT

MAIL STOP: Patent Application  
THE COMMISSIONER FOR PATENTS  
PATENT & TRADEMARK OFFICE  
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SIR:

Pursuant to 37 C.F.R. §1.56, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO-1449. Unless otherwise indicated, one copy of each reference is attached. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom. In accordance with 37 C.F.R. §1.97(h), the filing of this Information Disclosure Statement shall not be construed to be an admission that the information cited in the statement is, or is considered to be, material to patentability as defined in §1.56(b).

1. This Information Disclosure Statement is being filed (a) within three months of the U.S. filing date of this non-CPA Application, OR (b) before the mailing date of a first Office Action on the merits in the present application. No certification or fee is required.

2. The references were cited by or submitted to the Office in parent Application No. 09/834,391, filed April 13, 2001, which is relied upon for an earlier filing date under 35 U.S.C. § 120. Thus, copies of these references are not attached. 37 C.F.R. § 1.98(d).

Respectfully,

Date: 10/14/03By: Thomas M. Isaacson

AT&T CORP.  
P.O. Box 4110  
Middletown, New Jersey 07748-4110

Thomas M. Isaacson  
Attorney for Applicants  
Reg. No.: 44166  
T: 410-414-3056  
F: 410-510-1433

Substitute for form 1449A/PTO			Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)			Application Number	Continuation of 09/834,391
			Filing Date	10/14/2003
			First Named Inventor	Hong-goo Kang et al.
			Group Art Unit	2655
			Examiner Name	T. Smits
Sheet	1	1	Attorney Docket Number	2000-0141Con

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	Juin-Hwey Chen and Allen Gersho, "Adaptive Postfiltering for Quality Enhancement of Coded Speech," IEEE Trans. Speech and Audio Processing, Vol. 3, No. 1, p. 59-71, January 1995.	<input type="checkbox"/>
	2	H. Tasaki, K. Shiraki, K. Tomita, and S. Takahashi, "Spectral postfilter design based on LSP transformation," Proc. IEEE Workshop on Speech Coding, p. 57-58, September 1997.	<input type="checkbox"/>
	3	Azhar Mustapha and Suat Yeldener, "An adaptive post-filtering technique based on the modified Yule-Walker filter," Proc. IEEE ECASSP '99, p. 197-200, March 1999.	<input type="checkbox"/>
	4	Azhar Mustapha and Suat Yeldener, "An adaptive post-filtering technique based on a least-squares approach," Proc. IEEE Workshop on Speech Coding, p. 156-158, June 1999.	<input type="checkbox"/>
	5	Robert Endre Tarjan and Andrew Chi-Chih Yao, "Storing a Sparse Table", Communication of the ACM, vol. 22:11, pp. 606-611	<input type="checkbox"/>
	6	Y. Stylianou (1998) "Concatenative Speech Synthesis using a Harmonic plus Noise Model", Workshop on Speech Synthesis, Jenolan Caves, NSW, Australia, Nov. 1998	<input type="checkbox"/>

Examiner Signature		Date Considered
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\*EXAMINER: Initial if referenced considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number <sup>2</sup> Applicant is to place a check mark here if English language translation is attached.

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